AT&T

2.4 GHz Cordless Telephone 2320 with Caller ID/Call Waiting

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Please also read
Part 1 — Important Product Information

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CONTENTS

BEFORE YOU BEGIN

Parts List

Your box should include:
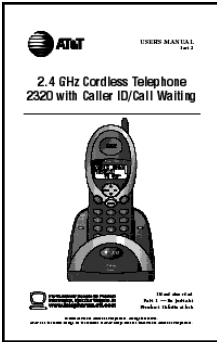
This User's Manual

Quick Start Guide

Handset

Power adapter
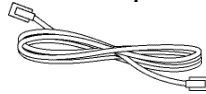
Telephone
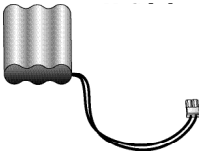
Battery pack

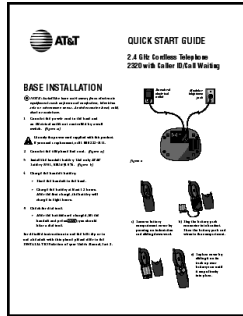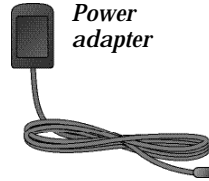*Base unit*

BEFORE YOU BEGIN

About Caller Identification (Caller ID)

This product has a Caller ID with Call Waiting feature that works with service from your local phone service provider.

Caller ID with Call Waiting lets you see who's calling before you answer the phone, even when you're on another call.

You may need to change your phone service to use this feature. Contact your phone service provider if:

- You have both Caller ID and Call Waiting, but as separate services (you may need combined service)
- You have only Caller ID service, or only Call Waiting service
- You don't subscribe to any Caller ID or Call Waiting services.

You can use this product with regular Caller ID service, and you can use this product's other features without subscribing to either Caller ID or combined Caller ID with Call Waiting service.

There are fees for Caller ID services, and they may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering Caller ID service, and if both telephone companies use compatible equipment.

About the Call Log

This phone assigns each incoming call a number from 1 to 50. The most recent call will have the lowest number. When the memory is full, the oldest call information is deleted to make room for new incoming call information. See CALLER ID OPERATION, beginning on page 34, for more details.

If you answer a call before call information appears on the screen, it will not appear in the call log.

About Adding Handsets

This product is compatible with the AT&T 2300 Expansion Handset. You may use up to three 2300 units (purchased separately) with this phone. Follow the instructions provided with the additional handset(s) for installation and registration.

INSTALLATION

Base Installation

NOTE: *Install the base unit away from electronic equipment, such as personal computers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.*

1 **Connect the power cord to the base and an electrical outlet not controlled by a wall switch.**

Standard electrical outlet

2 **Connect the telephone line cord.**

Modular telephone jack
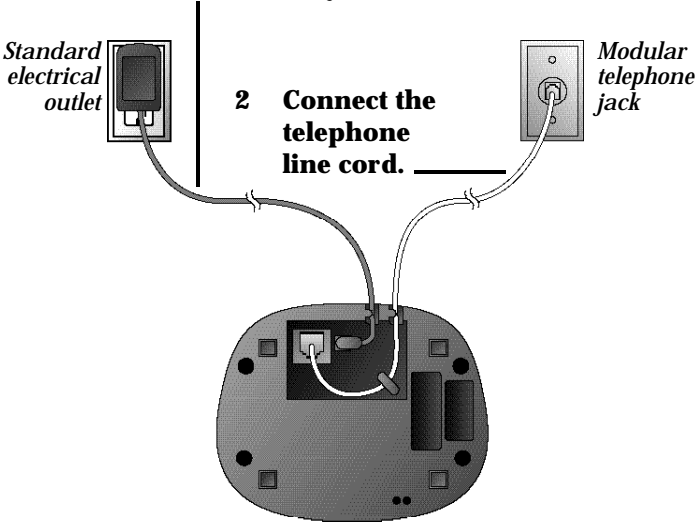
⚠ Use only the power cord supplied with this product. If you need a replacement, call 1 800 222–3111.

3 **Install the handset battery.**
Use only AT&T Battery 3301, SKU# 91076.
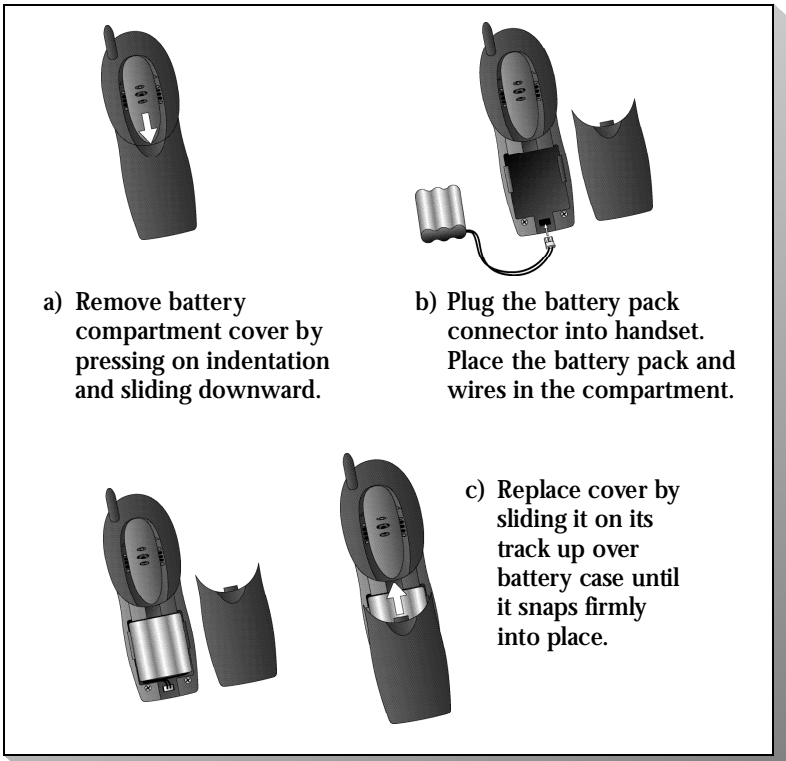
a) Remove battery
   compartment cover by
   pressing on indentation
   and sliding downward.

b) Plug the battery pack
   connector into handset.
   Place the battery pack and
   wires in the compartment.

c) Replace cover by
   sliding it on its
   track up over
   battery case until
   it snaps firmly
   into place.

4 **Charge the handset battery.**
- Place the handset in the base.
- Charge the battery for at least 12 hours. After the first
  charge, the battery will charge in eight hours.

5 **Check for dial tone.**
- After the batteries are charged, lift the handset and press
  [PHONE]; you should hear a dial tone.

Headset

You can use this telephone
hands-free when you install
any industry standard 2.5 mm headset (purchased separately).
For best results use an AT&T
2.5 mm headset.

Plug the headset into the jack located on the right side of
the handset (under the small rubber flap). Do not force the connection,
but make sure the plug fits securely.

FEATURE SETUP

Feature Setup Menu

◎ **NOTE:** *When you follow the directions to "Clear Message Waiting" or "Set Dial Method" you change settings for ALL registered handsets. All other features must be set separately at each handset. (See "About Adding Handsets" on page 2 for details about additional handsets.)*

Press ⬛ to enter the Feature Setup menu. Use ⬛ or ⬛ to choose features, then press ⬛ to save your choice.

Press ⬛ at any time to return to the previous menu item. Press ⬛ repeatedly to exit Feature Setup and return to the idle screen.

◎ **NOTE:** *If you wait more than 30 seconds without pressing a key, the handset returns to the idle screen.*

◎ **NOTE:** *If you receive an incoming call while in Feature Setup, the phone automatically exits the menu to take the call.*

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Ring Volume

Adjust the volume of the handset ringer. Setting volume to 0 turns the ringer off and displays the ringer off icon (📵) on screen. The default setting is 3.

1   Press [SEL]. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2   Press 🔼 or 🔽 until the screen displays

```
>RING VOLUME
 RING PATTERN
```

3   Press [SEL]. The screen displays

```
RING VOLUME
▉▉▉
```

4   Use the keypad to enter a volume setting
    (0 – 6)
    — OR —
    Press 🔼 or 🔽 to hear samples of ring volumes.

5   Press [SEL] to save desired setting.

Ring Pattern

The external ring pattern sets which ringer you hear when you have an outside call. The internal ring pattern sets which ringer you hear when you have an intercom call from another registered handset (if installed). External ring pattern default setting is 0; intercom ring pattern default setting is 1.

1 Press [SEL]. The screen displays

> >CALL LOG
> PHONE BOOK

2 Press [▲] or [▼] until the screen displays

> >RING PATTERN
> KEY CLICK

3 Press [SEL]. The screen displays

> >E X T E R
> I N T E R

4 Press [▼] or [▲] then [SEL] to choose EXTERNAL or INTERCOM.

5 Use the keypad to enter a ring pattern selection (0 – 9)

 — OR —

 Press [▼] or [▲] to display desired setting. A sample of the displayed setting is played briefly.

6 Press [SEL] to save displayed setting. You will hear a confirmation tone.

7 Press [CLEAR] to exit ring pattern setup.

Key Click

When this feature is on, each key press makes a sound. Default setting is `ON`.

1 Press ⒮ⓔⓛ. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press 🔼 or 🔽 until the screen displays

```
>KEY CLICK
 HANDSET NAME
```

3 Press ⒮ⓔⓛ. The screen displays

```
 KEY CLICK
 O
```

4 Press ① or 🔼 to select `ON`.
   — **OR** —
   Press ② or 🔽 to select `OFF`.

5 Press ⒮ⓔⓛ to save the displayed setting.

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Handset Name

You can customize the handset to display a name or word of your choice (up to 16 characters) in place of

- AT&T on the idle screen and
- HANDSET#1 (during intercom calls).

The default setting is AT&T.

1 Press [SEL]. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press ⬆ or ⬇ until the screen displays

```
>HANDSET NAME
 L A N G L
```

3 Press [SEL]. The screen displays

```
N A I
```

4 Use the keypad and the chart on page 27 to enter a handset name.

5 Press [SEL] to save the displayed name.

To change the name again at any time, simply repeat **Steps 1-5**.

Language Setting

You can set each registered handset so the display appears in English, Spanish, or French. The default setting is ENGLISH.

1   Press [SEL]. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2   Press ⬆ or ⬇ until the screen displays

```
>L A N G L
 CLEAR MSG WAIT
```

3   Press [SEL]. The screen displays the current language

```
L A N G L
E N G L
```

4   Press ⬆ or ⬇ to scroll through the language choices.

5   Press [SEL] to save the displayed language. The display will show in the language you have selected.

Clear Message Waiting

If you subscribe to telephone company voice mail service, and the message waiting indicator remains on even after you have reviewed all messages, follow the directions below to turn off the indicator.

◎ **NOTE:** *These steps will clear the message waiting indicator for ALL registered handsets (See "About Adding Handsets" on page 2 for details about additional handsets.)*

1 Press ⟨SEL⟩. The screen displays

> >CALL LOG
> PHONE BOOK

2 Press ⟨▲⟩ or ⟨▼⟩ until the screen displays

> >CLEAR MSG WAIT
> DIAL METHOD

3 Press ⟨SEL⟩. The screen displays

> CLEAR MSG WAIT
> C O N F I

4 Press ⟨SEL⟩ to confirm and remove the message waiting indicator

— OR —

Press ⟨CLEAR⟩ to exit the menu without clearing the message waiting indicator.

The screen returns to

> >CLEAR MSG WAIT
> DIAL METHOD

Set Dial Method

NOTE: *When you change the dial method setting ALL registered handsets are affected. (See "About Adding Handsets" on page 2 for details about additional handsets.)*

This phone comes set for touch tone (DTMF) dialing. If you have dial pulse (rotary) service, you must set the dial method to PULSE.
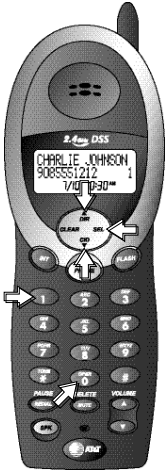
1 Press ⬛. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press ⬛ or ⬛ until the screen displays

```
>DIAL METHOD
 CALL LOG
```

3 Press ⬛. The screen displays

```
DIAL METHOD
D T I
```

4 Press ⬛ or ⬛ to select PULSE
— **OR** —
Press ⬛ or ⬛ to select DTMF.

5 Press ⬛ to save the displayed setting.

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TELEPHONE OPERATION

Idle Screen

When the handset is within range of the base and not on a call or in Feature Setup mode,the screen displays

```
      A T :
```

If you assign a name to the handset (see "Handset Name"on page 10),that name will be displayed instead of AT&T.

Make a Call

1 Press 〔PHONE〕,then dial the number
— **OR** —
Dial the number, then press 〔PHONE〕.
2 To end the call,press 〔PHONE〕 again
— **OR** —
Place the handset in the base.

Answer a Call

1 Press 〔PHONE〕 to answer a call.
2 To end the call,press 〔PHONE〕 again
— **OR** —
Place the handset in the base.

Handset Volume

You can adjust the volume of what you hear through the handset during a conversation by pressing VOLUME △ or VOLUME ▽. While you adjust the volume level,the screen display is similar to

```
HANDSET VOLUME
▪▪▪
```

◎ **NOTE:** *You will hear 3 short beeps when you have reached the minimum or maximum levels of volume.*

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Call Timer

When the handset is on a call,the screen displays a timer whether the call is external or intercom. For example:

```
PHONE    0:00:01
EXTERNAL CALL
```

Speakerphone

When the handset speakerphone is activated, you can use the phone hands-free. Stand the handset on a flat surface (not in the base) and continue your conversation.

Make a Call

1   Press [3EX], then dial the number
    — OR —
    Dial the number, then press [3EX].
2   To end the call,press [3EX] again
    — OR —
    Place the handset in the base.

Answer a Call

1   Press [3EX] to answer a call.
2   To end the call,press [3EX] again
    — OR —
    Place the handset in the base.

Switch Between Handset and Speakerphone

While on a call you can press [3EX] to switch to speakerphone. While on a speakerphone call,press [PHONE] to return to the handset.

Redial

The last five phone numbers dialed at the handset are stored in redial memory.

Press (REDIAL) repeatedly until the number you want to call is displayed, then press (PHONE) to dial the displayed number

— OR —

Press (PHONE), then press (REDIAL) repeatedly until the number you want to call is displayed. Press (SEL) to dial the displayed number.

Flash/Call Waiting

If you subscribe to Call Waiting service with your local telephone service provider, you can answer a new incoming call without losing your current call.

1 Press (FLASH) to connect to the new call when you receive a call-waiting signal.

2 Press (FLASH) again to return to the original call.

◎ **NOTE:** *Use (FLASH) to access other phone company subscriber services, as described by your provider.*

Mute

1 During a telephone conversation, mute the handset microphone by pressing (MUTE). The other party will be unable to hear anything on your end. The screen is similar to

```
P H O      1 : 3 5

M U T
```
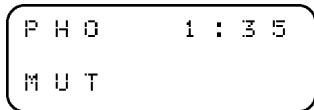
2 To return to two-way conversation, press (MUTE) again.

Page/Handset Locator

⊚ **NOTE:** *If you have installed additional AT&T 2300 handsets (purchased separately) with your 2320 base, pressing* [PAGE/HANDSET LOCATOR] *will signal ALL registered handsets.*

Page the handset(s) from the base by pressing [PAGE/HANDSET LOCATOR]. The handset will sound a repeating tone.

To cancel the page press any key on the handset, or [PAGE/HANDSET LOCATOR] on the base, or wait 60 seconds.

Temporary Tone Dialing
If you have dial pulse (rotary) service, you can change from dial pulse to touch tone dialing during a call.

1 Make the call, and wait until it is connected.

2 Press [TONE *]. Keys pressed after this send touch tone signals.

3 After you hang up, the phone automatically returns to dial pulse (rotary) service.

DISPLAY SCREEN MESSAGES

SCREEN DISPLAYS:	WHEN:
EXTERNAL CALL	You have an incoming phone call (without Caller ID).
INTERCOM CALL	You have an incoming intercom call. The screen also shows the calling location (for example, HANDSET#2).
NOT REGISTERED PLACE IN BASE	This handset is not registered to the base.
PLACE IN CHARGER	A new uncharged battery has been installed. Place the handset in the base to charge the battery.
CHARGING	The handset battery is recharging and may not have enough power for normal operation yet.
CHARGE BATTERY	The battery is low.
NO LINE	The phone line is disconnected. Check the line jacks.
EXT IN USE	Another phone on this line is in use.
OUT OF SERVICE	The handset is out of range.
MESSAGE WAITING	You have unreviewed voice mail messages. (You must subscribe to Voice Mail service from your local telephone service provider.)

DISPLAY SCREEN ICONS

THIS ICON:	INDICATES:
🔕	The handset ringer is turned off. (See "Ring Volume" on page 7 for details.)
🔋	The battery needs to be recharged.
!	The Caller ID information displayed is an unreviewed call.
NEW	There are unreviewed calls in the call log.

BASE LIGHTS

LIGHT:	STATUS:	INDICATES:
CHARGING	on	Handset is in the base charging
IN USE	on	Handset is on a call
IN USE	flash	Phone line is disconnected
IN USE	fast flash	Handset registration is in progress

TONES AND WHAT THEY MEAN

TONE:	INDICATES:
Three quick beeps	Handset is out of range of the base
One double beep	Handset has failed to register with base
Two double beeps	Handset battery charge is low
One beep	Handset registration is complete

INTERCOM OPERATION

◎ **NOTE:** *The features in this section work only if you have installed additional AT&T 2300 Expansion Handsets with your AT&T 2320 Telephone.(See "About Adding Handsets"on page 2 for more information.)*

Intercom Calls
If you have more than one handset (AT&T 2300, purchased separately) registered with your 2320 base, you can make intercom calls between handsets.

1   Call one handset from another by pressing [INT].

2   Use [▲] or [▼] to scroll through the list of registered handsets.

3   Press [SEL] when the desired handset is highlighted.

4   To answer, press [PHONE] on the second handset.

Call All
You can send an intercom call signal to all registered handsets at once. The first handset to answer the call will be connected.

1   Press [INT] on the handset

2   Use [▲] or [▼] to highlight CALL ALL.

3   Press [SEL].

4   To answer, press [PHONE] at another handset. Only the first handset to respond will be connected to the intercom call.

Answer an Incoming Call While on an Intercom Call

If an incoming call is received while you are using the intercom, you will hear a double beep and the screen will display call information as usual for 15 seconds.

To answer the incoming call, press **[PHONE]** on either handset. The intercom call is automatically ended.

To end the intercom call without answering the incoming call, press and hold **[INT]**. The screen displays

```
B U :
HANDSET X
```
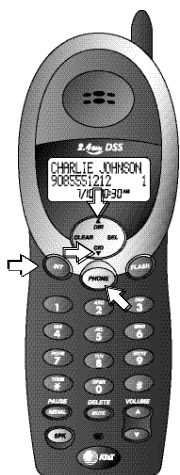
Transfer a Call

If you have installed additional AT&T 2300 handsets (purchased separately) with your 2320 telephone, you can transfer a call from one handset to another and announce the caller.

1   Press **[INT]**. Your call is put on hold and the screen displays.

```
SELECT INTERCOM
HANDSET #1
```

2   Use **[▲]** or **[▼]** to scroll through the list of registered handsets.

3   Press **[PHONE]** when the desired handset is highlighted.

4   When someone at the other handset answers the call, announce the caller. Then press **[PHONE]** or place the handset in the base to complete the transfer.

   — **OR** —

   To have a conference call, pess and hold **[INT]**.

Forward a Call

If you have installed additional AT&T 2300 handsets
(purchased separately) with your 2320 telephone, you
can forward a call from one handset to another without
announcing the caller.

1 Press ⟦INT⟧. Your call is put on hold and the
   screen displays

> SELECT INTERNAL
> HANDSET #1

2 Use ⟦▲⟧ or ⟦▼⟧ to scroll through the list of
   registered handsets.

3 Press ⟦SEL⟧ when the desired handset, or CALL
   ALL is highlighted. The call will ring at the
   selected handset(s), and FORWARDED CALL
   will be displayed.

If a forwarded call is not answered within 30 seconds,
the call will automatically be returned to the forwarding
handset. The screen displays C A B A or the CID
information (if available). If the returned call is not
answered within 20 seconds, the call is automatically
disconnected.

Conference Calling

1   If one handset is already on a call, you can connect a second handset to the call by pressing ▣▣▣ on the second handset
    — OR —

    You can first intercom another handset by pressing ▣▣.,then ▣▣▣ when the desired handset is highlighted. After the other handset answers the intercom call, press and hold ▣▣.

2   Disconnect either or both handsets by pressing ▣▣▣.

This telephone can store up to 50 telephone numbers and names. Phone book entries are stored in alphabetical order. Storing a number and name in one handset automatically stores it in ALL registered handsets. (See "About Adding Handsets" on page 2 for details about additional handsets.)

Store a Number and Name in Phone Book

1   Press 🔲. The screen displays

>CALL LOG
 PHONE BOOK

2   Press 🔲. The screen displays

>PHONE BOOK
 RING VOLUME

3   Press 🔲. The screen displays

>S E A F
 S T O

4   Press 🔲 to select STORE. The screen displays

>S T O
 S E A F

5   Press 🔲. The screen displays

STORE NUMBER

6   Enter the telephone number (up to 24 digits).

7 Press **SEL**. The screen displays

> STORE NAME

8 Enter a name connected with this number, using the chart below. You must store a name with each number.

Dial				Presses					
Key	1	2	3	4	5	6	7	8	9
1		1							
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)			
#	#	'	,	-	.	&			

To erase a digit or character press either **DELETE** (DELETE) or **CID**. Pressing **DIR** will move the cursor one space to the right.

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9 Press **SET**. The screen returns to

```
>S T O
  S E A R
```

— OR —

If the phone book is already full,the screen displays

```
PHONE BOOK FULL
```

10 Begin at **Step 4** to enter another telephone number and name

— OR —

Press **CLEAR** to exit.

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Dial a Number in Phone Book

1   Press (DIR). The screen displays the first phone book entry.

Skip to **Step 5**.
— OR —

Press (SEL). The screen displays

```
>CALL LOG
 PHONE BOOK
```

2   Press ▼. The screen displays

```
>PHONE BOOK
 RING VOLUME
```

3   Press (SEL). The screen displays

```
>S E A F
 S T O
```

4   Press (SEL). The screen displays the first phone book entry and looks similar to

```
A L I
9 0 8 5 5 5
```

5   Enter the first letter of the stored name you want to find, then scroll using ▲ or ▼
— OR —

Press ▲ or ▼ to scroll through phone book entries.

6   When you find the number you want to call, press (PHONE) to dial the displayed number. The screen display is similar to

```
PHONE     0:00:01

9 0 8 5 5 5
```

Edit a Number/Name in Phone Book

1 Press **[REDIAL]**. The screen displays the first phone book entry.

Skip to **Step 5**.
— OR —

Press **[SET]**. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press **[▼]**. The screen displays

```
>PHONE BOOK
 RING VOLUME
```

3 Press **[SET]**. The screen displays

```
>S E A R
 S T O
```

4 Press **[SET]**. The screen displays the first phone book entry and looks similar to

```
 A L I
 9 0 8 5 5 5
```

5 Enter the first letter of the stored name you want to find, then scroll using **[▲]** or **[▼]**

— OR —

Press **[▲]** or **[▼]** to scroll through phone book entries.

6 When you find the number you want to edit, press **[SET]** to enter edit number mode.

7 Press 🔲 (DELETE) to erase a digit
— OR —

Press and hold 🔲 (DELETE) to delete entire telephone number.

8 Press 🔲 to store the edited number, and enter name mode.

9 Press 🔲 (DELETE) to erase a character
— OR —

Press and hold 🔲 (DELETE) to delete entire name.

10 Press 🔲 to confirm the change. The screen displays the edited entry.

11 Press 🔲; the screen returns to

```
>S E A F
 S T O
```

Delete a Number/Name from Phone Book

1   Press [DIR]. The screen displays the first phone book entry.

Skip to **Step 5**.
— **OR** —

Press [SET]. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2   Press ▼. The screen displays

```
>PHONE BOOK
 RING VOLUME
```

3   Press [SET]. The screen displays

```
>S E A F
 S T O
```

4   Press [SET]. The screen displays the first phone book entry and looks similar to

```
A L I
9 0 8 5 5 5
```

5   Enter the first letter of the stored name you want to find, then scroll using ▲ or ▼
— **OR** —

Press ▲ or ▼ to scroll through phone book entries.

6 When you find the number you wish to delete,press 🔲 (DELETE) to delete the entire displayed entry. The screen display is similar to

```
A L I
D E L E
```
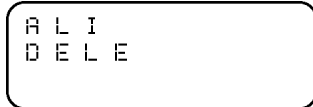
7 Press 🔲. The entry is deleted and the screen displays the next phonebook entry.

CALLER ID OPERATION

If you subscribe to Caller ID service with your local phone service provider, this phone stores all incoming calls with valid Caller ID information in the call log. Name, number, time and date information can all be stored, if they are sent with the call. Calls are automatically stored in the order they are received, with call "1" stored as the most recent call. The call log number appears next to the phone number on the screen display. New (unreviewed) call information includes !
in the display.

```
JOHNSON THOMAS  !
908555      3
    11.710:3
```

If an incoming phone number matches one already in the call log, the old call information will be deleted when the new call information is saved in the call log.

If an incoming phone number matches an existing phone book entry, the caller's name will appear in the call log as you saved it in the phone book (not as it was sent with incoming Caller ID information). For example

```
TOM JOHNSON     !
908555      3
    11.710:3
```

◎**NOTE:** *Caller IDinformation is shared by ALL registered handsets. (See "About Adding Handsets" on page 2 for more information.) Removing a call record from one handset also removes it from the others.*

If Caller ID information has been received you can see a summary of the call log on the idle screen. For example if the screen displays

```
         A T :
2 CALLS/1 NEW
```

there are two calls in the call log, and one of them is unreviewed (NEW).

Press **CLEAR** at any time to exit the call log and return to the idle screen.

Review Call Log

1 Press ⎣CID⎦. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5      1
     1 1 .7 1 0 : 3
```

Skip to **Step 3**.

—OR—

Press ⎣SEL⎦. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press ⎣SEL⎦. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5      1
     1 1 .7 1 0 : 3
```

3 Press ⎣▼⎦ or ⎣▲⎦ to scroll through the call log.

Remove Call Records

Removing a Specific Call Record

1 Press $\boxed{CID}$. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5        1
     1 1 . 7 1 0 : 3
```

Skip to **Step 3**.

—OR—

Press $\boxed{SEL}$. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press $\boxed{SEL}$. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5        1
     1 1 . 7 1 0 : 3
```

3 Press $\boxed{\blacktriangledown}$ or $\boxed{\blacktriangle}$ to scroll through the call log.

4 When you find the call record you want to remove, press and release $\boxed{MUTE}$ (DELETE). The call record is removed and the next call record is displayed.

Remove All Call Records

1 Press $\boxed{CID}$. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5      1
     1 1 .7 1 0 : 3
```

Skip to **Step 3**.
—OR—

Press **SEL**. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press **SEL**. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS  !
9 0 8 5 5 5      1
     1 1 .7 1 0 : 3
```

3 Press and hold **MUTE** (DELETE). The screen displays

```
CALL LOG
DELETE ALL?
```

4 Press **SEL** to delete all call records. The screen returns to the idle screen:

```
        A T :
```

— OR —

Press **CLEAR** to exit without deleting. The screen returns to the last viewed record.

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Store a Call Record in Phone Book

You can store a number received by Caller ID in the telephone phone book. For call records without a valid name you will be prompted to enter a new name. You can follow the directions in "Edit a Number/Name in Phone Book" on page 30 to assign a name to the number. A call record with no valid phone number cannot be stored in the phone book.

1 Press $\boxed{CID}$. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON  THOMAS  !
9 0 8 5 5 5         1
       1 1 . 7 1 0 : 3
```

Skip to **Step 3**.

—OR—

Press $\boxed{SEL}$. The screen displays

```
>CALL  LOG
 PHONE  BOOK
```

2 Press $\boxed{SEL}$. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON  THOMAS  !
9 0 8 5 5 5         1
       1 1 . 7 1 0 : 3
```

3 Press ▼ or ▲ to scroll through the call log.

4 When you find the call record you want to store in the phone book, press $\boxed{SEL}$ three times. The call record is saved in the phone book and you can continue to review the call log.

Display Dial

While you are reviewing the call log, you can dial a number displayed on the screen.

1 Press ⌐CID⌐. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS   !
9 0 8 5 5 5        1
     1 1 .7 1 0 : 3
```

Skip to **Step 3**.

—OR—

Press ⌐SEL⌐. The screen displays

```
>CALL LOG
 PHONE BOOK
```

2 Press ⌐SEL⌐. The screen displays the most recent call in the call log and displays ! if the call is new.

```
JOHNSON THOMAS   !
9 0 8 5 5 5        1
     1 1 .7 1 0 : 3
```

3 Press ⌐▼⌐ or ⌐▲⌐ to scroll through the call log.

4 When the phone number you want to call is displayed, press ⌐PHONE⌐. The phone automatically dials the number and the screen displays

```
PHONE    0:00:01
9 0 8 5 5 5
```

Dialing Options

While a call record is displayed, press ⌐FLASH⌐ until the screen displays the number the way you want to dial it.

For example: 19085551212
                     9085551212
                      15551212
                       5551212

The number of dialing options available for each call displayed depends on the format of the original call.

BATTERIES

Battery Life

Battery life depends on how far the handset is from the base,and other environmental conditions.

◎ **NOTE:** *For optimum performance, charge your handset on the base every night.*

Charge the Handset Battery Pack

- This battery should remain charged for up to three days. A fully charged battery provides an average talk time of about seven hours.
- The battery pack needs charging when:
  - The battery icon (▨) flashes,
  - A warning tone sounds,or
  - The screen displays CHARGE BATTERY when idle.
- Place the handset in the base so the CHARGING light goes on. The battery pack is typically charged in eight hours. For best results,the initial charge should be 12 hours.
- You can keep the battery fully charged by returning the handset to the base after each use.
- If you repeatedly get a low battery indicator, even after eight hours of charging,the battery should be replaced. Use only AT&T Battery 3301,SKU# 91076.
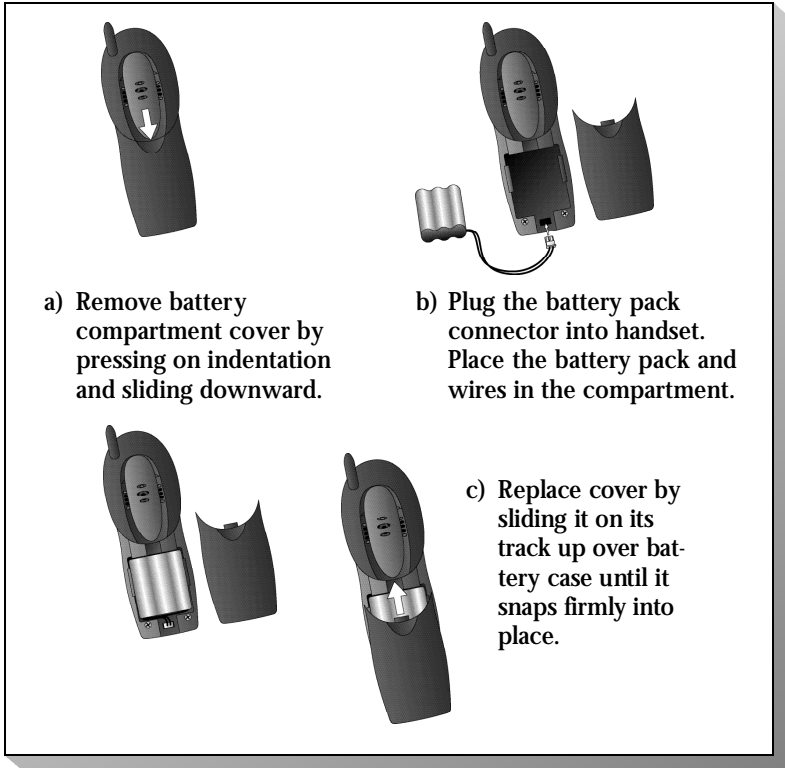
⚠ **CAUTION:** Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in the User's Manual, Part 1.

Replace the Handset Battery Pack

1   Install the handset battery.
Use only AT&T Battery 3301,SKU# 91076.

a) Remove battery compartment cover by pressing on indentation and sliding downward.

b) Plug the battery pack connector into handset. Place the battery pack and wires in the compartment.

c) Replace cover by sliding it on its track up over bat-tery case until it snaps firmly into place.

2   Charge the handset battery.
- Place the handset in the base.
- Charge the battery for at least 12 hours. After the first charge,the battery will charge in eight hours.

IN CASE OF DIFFICULTY

If you have difficulty operating this phone, try the suggestions below. For Customer Service, visit our website at ***www.telephones.att.com*** or call 1 800 222–3111. **Please retain your receipt as your proof of purchase**.

TELEPHONE OPERATION

PROBLEM	SOLUTION
If the phone does not work at all, check these items first:	• Make sure the power cord is plugged into the base and an electrical outlet not controlled by a wall switch. • Make sure the telephone line cord is plugged firmly into the base unit and the telephone jack. • Make sure the battery pack is installed correctly. • If the screen displays CHARGE BATTERY, place the handset in the base and charge for at least eight hours. • If the battery does not charge after eight hours, replace it with AT&T Battery 3301, SKU# 91076.

PROBLEM	SOLUTION
If you have no dial tone:	Check all the previous suggestions. If you still do not hear a dial tone, disconnect the phone and try another phone in the same jack. If there is no dial tone on that phone either, the problem is probably in your wiring or local service.

PROBLEM	SOLUTION
If you hear a two-beep signal when you try to use the handset:	The handset and base are not communicating properly. You might be out of range. Move closer to the base and try again.

TELEPHONE OPERATION

PROBLEM

If you hear noise or interference when using the phone:

SOLUTION

• You may be out of range. Move closer to the base.

• Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.

• The layout of your home or office may be limiting the operating range. Try moving the base to another location, preferably on an upper floor.

• Using the handset near household appliances (microwaves,computers, televisions,stereos,etc.) can sometimes cause interference. Move away from appliances while using the handset.

PROBLEM

If the phone does not ring when you receive a call:

SOLUTION

• Make sure the ringer is on.

• Make sure the telephone line cord is connected firmly to the base and the telephone jack.

• Make sure the AC adapter is plugged firmly into an electrical outlet not controlled by a wall switch.

• You might be too far from the base; move closer.

• You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

IN CASE OF DIFFICULTY

TELEPHONE OPERATION

PROBLEM

If your telephone misdials:

SOLUTION

• If you have dial pulse (rotary) service, you'll need to set the dial method to PULSE. Follow the instructions under "Set Dial Method"in the FEATURE SETUP section of this manual.

• If you have touch tone service and you hear clicks while you are dialing, you'll need to set the dial method to DTMF. Follow the instructions under "Set Dial Method"in the FEATURE SETUP section of this manual.

PROBLEM

If you are unable to operate special telephone services or other equipment requiring touch tone signals:

SOLUTION

If you have dial pulse (rotary) service, follow the directions under "Temporary Tone Dialing"in the TELEPHONE OPERATION section of this manual.

CALLER ID

PROBLEM

If the caller's name or phone number is not displayed:

SOLUTION

• Make sure you subscribe to Caller ID service from your local telephone company.

• Make sure the battery is charged.

• Caller ID service might not work when the phone is connected to a Private Branch Exchange (PBX).

CALLER ID

PROBLEM

If the caller's name or phone number is not displayed during Call Waiting:

SOLUTION

- You should call your service provider to confirm that you subscribe to combined Caller ID with Call Waiting service.
- Caller ID information received during Call Waiting is displayed only on the handset that is in use. The information is stored in the Caller ID log on ALL registered handsets.
- Make sure the battery is charged.

DEFAULT SETTINGS

DEFAULT SETTINGS

FUNCTION:	DEFAULT SETTING:
Dial Method	Tone
Handset Volume	3
Ring Volume	3
External Ring Pattern	0
Intercom Ring Pattern	1
Key Click	ON

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Frequency Range	**2400 MHz – 2483 MHz**
Channels	**95**
Channel Spacing	**864 kHz**
Output Power	**23 dBm**
Sensitivity	**-92 dBm**
Modulation	**GFSK**
Operating Temperature	**0°C – 50°C**
Base Unit Voltage (AC Voltage, 60Hz)	**96 – 144 Vrms**
Base Unit Voltage (AC Adapter Output)	**9 Vdc**
Handset Voltage	**3.6 – 4.6 Vdc, 600mAh**

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